

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION: **CHARRUE, Pierre, et al**

GROUP ART UNIT: TBA

SERIAL NUMBER: 10/561,593

EXAMINER: TBA

FILED: December 20, 2005

FOR: **APPARATUS AND METHOD FOR EXTRACTING GASEOUS, LIQUID AND/OR  
SOLID ELEMENTS FROM A GASEOUS MEDIUM AND CONCENTRATING THEM  
IN A LIQUID MEDIUM**

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The Applicant(s) wish to make of record the references listed on the attached PTO/ SB/08. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO/ SB/08.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

**CERTIFICATION**

The undersigned certifies that

- ☐ each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.


PETITION

- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
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PTO/SB/08a/b (05-03)

Approved for use through 05/31/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |   |    |   | <b>Complete if Known</b> |                   |
|  |   |    |   | Application Number       | 10/561,593        |
|  |   |    |   | Filing Date              | December 20, 2005 |
|  |   |    |   | First Named Inventor     | CHARRUE, Pierre   |
|  |   |    |   | Art Unit                 | TBA               |
|  |   |    |   | Examiner Name            | TBA               |
| Sheet  | 1 | of | 1 | Attorney Docket Number   | 10404.030.00-US   |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
| /RH/                  | AA                       | 4,208,912                                | 06-24-1980                     | Baldeck  |   |
|                       | AB                       |  |                                |  |   |
|                       | AC                       |  |                                |  |   |
|                       | AD                       |  |                                |  |   |
|                       | AE                       |  |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | † <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
|                          | BA                       |   |                                   |  |   |                |
|                          | BB                       |   |                                   |  |   |                |
|                          | BC                       |   |                                   |  |   |                |
|                          | BD                       |   |                                   |  |   |                |
|                          | BE                       |   |                                   |  |   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---------------------------------|--------------------------|---|----------------|
| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | † <sup>2</sup> |
| /RH/                            | CA                       | TALBOT, R.W., et al., Measuring Tropospheric HNO <sub>3</sub> : Problems and Prospects for Nylon Filter and Mist Chamber Techniques, Journal of Geophysical Research, 1990, pp. 7553-7561, Vol. 95, Hampton, Virginia   |                |
| /RH/                            | CB                       | TALBOT, R.W., et al., Carboxylic Acids in the Rural Continental Atmosphere Over the Eastern United States During the Shenandoah Cloud and Photochemistry Experiment, Journal of Geophysical Research, 1995, pp. 9335-9343, Vol. 100.                            |                |
| /RH/                            | CC                       | KEENE, W. C., Measurement Technique for Inorganic Chlorine Gases in the Marine Boundary Layer, Environ. Sci. Technol., 1993, pp. 866-874, Vol. 27, No. 5, Miami, Florida  |                |
|                                 | CD                       |   |                |
|                                 | CE                       |   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

|                       |                  |                    |            |
|-----------------------|------------------|--------------------|------------|
| Examiner<br>Signature | /Robert Hopkins/ | Date<br>Considered | 01/06/2010 |
|-----------------------|------------------|--------------------|------------|